

**Product number CA12393\_LR2-W**

Family	Leila	FWHM	(simulated) 44
Type	Assembly	Efficiency	-
LED	LUXEON Rebel	cd/Im	1.200
Color	White	Gerber File	Available
Diameter	21.6 mm		
Height	14.3 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape", "pin"]		
Status	Production ready		

**Product number CA12262\_LR2-RS**

Family	Leila	FWHM	8 degrees
Type	Assembly	Efficiency	95 %
LED	LUXEON Rebel	cd/Im	-
Color	White	Gerber File	Available
Diameter	21.6 mm		
Height	14.3 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["pin", "tape"]		
Status	Production ready		

**Product number CA12263\_LR2-D**

Family	Leila	FWHM	11 degrees
Type	Assembly	Efficiency	94 %
LED	LUXEON Rebel	cd/Im	-
Color	White	Gerber File	Available
Diameter	21.6 mm		
Height	14.3 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["pin", "tape"]		
Status	Production ready		

**Product number CA12264\_LR2-M**

Family	Leila	FWHM	23 degrees
Type	Assembly	Efficiency	93 %
LED	LUXEON Rebel	cd/Im	-
Color	White	Gerber File	Available
Diameter	21.6 mm		
Height	14.3 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["pin", "tape"]		
Status	Production ready		

**Product number CA11640\_LR2-O-90**

Family	Leila	FWHM	42+10 degrees
Type	Assembly	Efficiency	88 %
LED	LUXEON Rebel	cd/lm	5.200
Color	White	Gerber File	Available
Diameter	21.6 mm		
Height	14.3 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape", "pin"]		
Status	Production ready		

**Product number FCA11275\_LR2-W**

Family	Leila	FWHM	48 degrees
Type	Assembly	Efficiency	90 %
LED	LUXEON Rebel	cd/lm	-
Color	Black	Gerber File	Available
Diameter	21.6 mm		
Height	14.3 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape", "pin"]		
Status	Production ready		

**NOTE: The typical divergence will be changed by different color, chip size and chip position tolerance. The typical total divergence is the full angle measured where the luminous intensity is half of the peak value.**



## PRODUCT DATASHEET

### Leila series

last update 20/9/2013

#### GENERAL INFORMATION

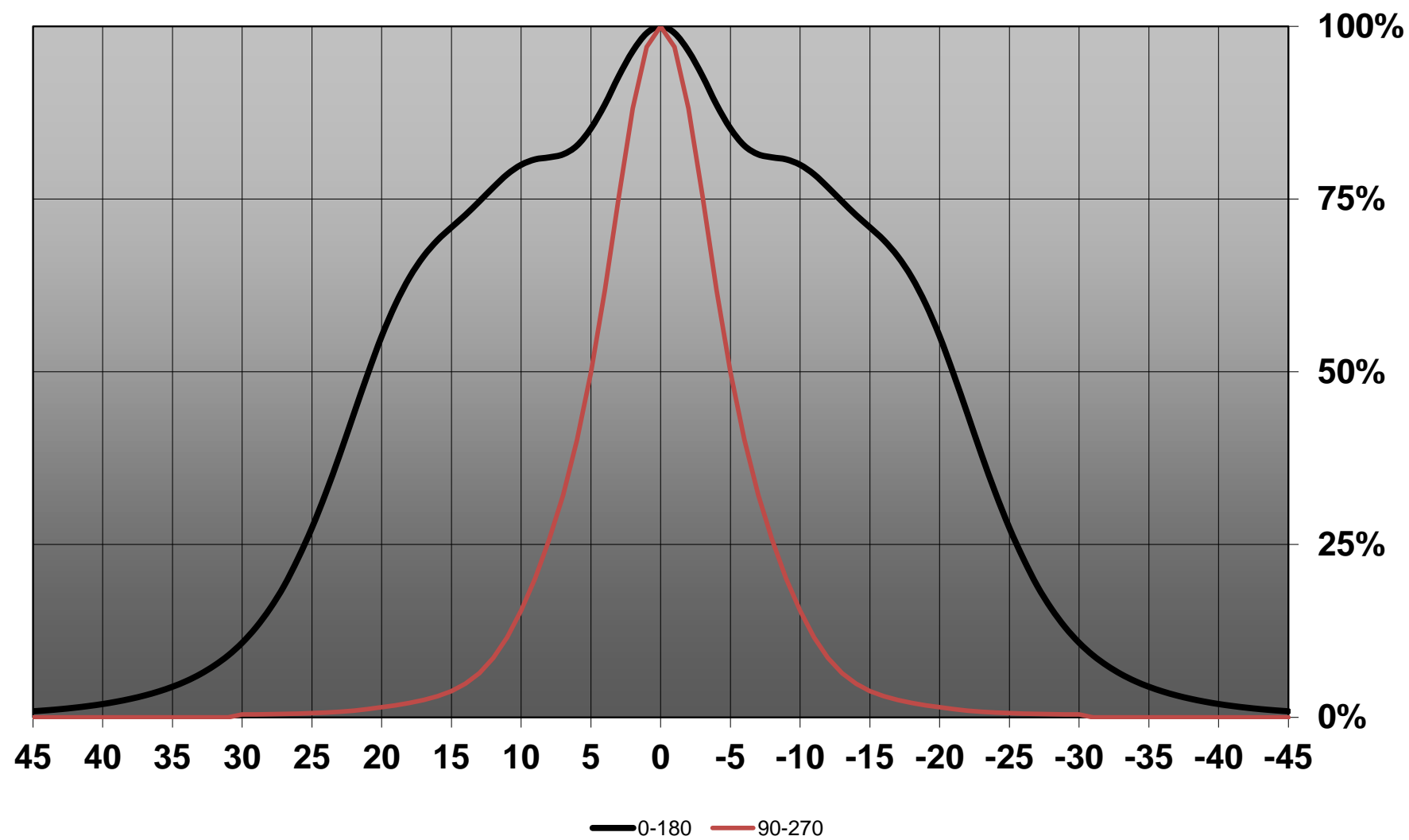
- Product series especially designed & optimized for LUXEON Rebel series of LEDs.
- Special care taken to make light distribution as uniform as possible.
- Lens material optical grade PMMA with high UV and temperature resistance. Allows use of high current and temperature conditions.

Please find more information about used material from below:

[http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20UL94\\_Yellow%20Card.pdf](http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20UL94_Yellow%20Card.pdf)

<http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20PLEXIGLAS-Datasheet.pdf>

Relative intensity of CA11640\_LR2-O-90\_(Rebel)



D

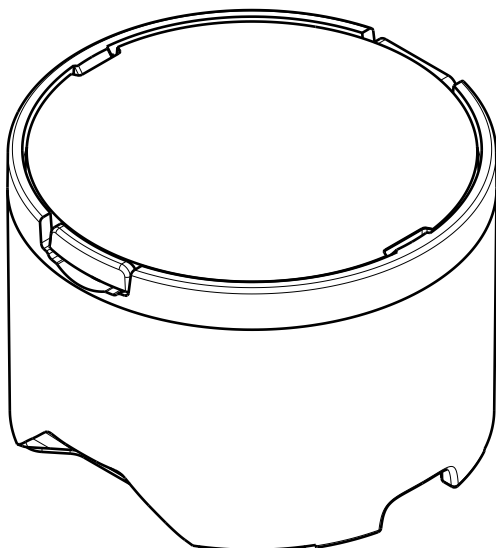
C

B

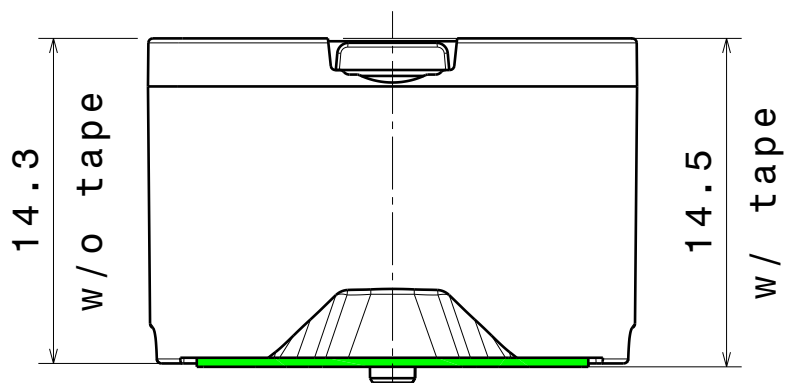
A

4

4



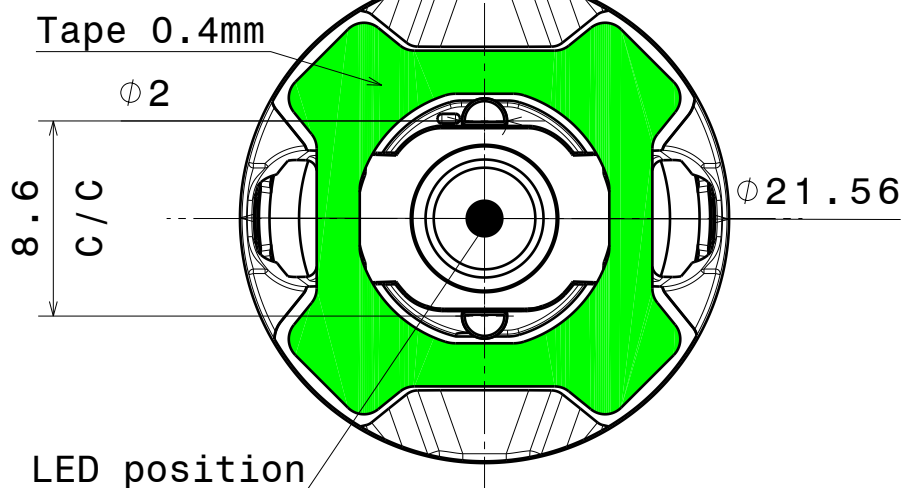
Isometric view  
Scale: 3:1



Front view  
Scale: 3:1

3

3



Bottom view  
Scale: 3:1

2

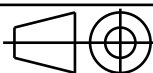
2

Tolerances if not otherwise shown  
According to DIN ISO 2768-1  
Linear measures:  
Up to 30mm class M, otherwise class C.  
According to DIN ISO 2768-2  
Form and position: class L

LEDiL

Ledil Oy  
Salorankatu 10  
FIN 24240 SALO  
Finland

THIRD ANGLE PROJECTION:



DRAWING TITLE

Leila\_LR2-W

This drawing is the property  
of LEDiL Oy. It may not be  
reproduced, copied or  
communicated without a written  
agreement with LEDiL Oy."

SIZE

A4

PART NUMBER

-

SCALE

3:1

WEIGHT

-

SHEET

1/1

D

A

1